

ISTE NEWSLETTER



INDIAN SOCIETY FOR TECHNICAL EDUCATION



Year: 2022-23



**SHRI MADHWA VADIRAJA INSTITUTE OF
TECHNOLOGY & MANAGEMENT**

Vishwothama Nagar. Bantakal - 574 115

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

ISTE is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. The major objective of the ISTE is to provide quality training programs to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organisations.

SMVITM has been certified by ISTE, New Delhi as the Institutional Member (IM: 2248) in the year 2013. To extend the services from ISTE, an ISTE Student Chapter (KA-114) and ISTE Faculty Chapter (KA-118) has been formed to motivate faculty and student members in the institute to contribute their technical skills. All the teaching faculty in the institute are Life Members of ISTE and all students are also enrolled as ISTE Student Members during their period of engineering education in the institute. ISTE Chapters in SMVITM have been organizing several technical programs like National Conference, Seminars, Workshop, Faculty Development Program, technical competitions etc.

MOTTOS

- Career Development of Teachers.
- Personality Development of Students.
- Overall development of Technical Education System.

OBJECTIVES

- To apply curriculum and educational processes to changing conditions.
- To develop excellent teachers and educational administrators.
- To improve teaching methods and practices and administrative usages.
- To enhance Professional ideals and standards to improve academics.
- To make an effective linkage between technical institutions, industry and society.

FOR MORE DETAILS:

<https://sode-edu.in/associations/iste/>

<http://www.isteonline.in/>

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ISTE FACULTY CHAPTER 2022-23



PROF. DR. THIRUMALESHWARA BHAT
ISTE CHAIRPERSON & PRINCIPAL



MR. CHETAN R
SECRETARY/
TREASURER



MS. CHANDANA
ECE DEPT.
COORDINATOR



**MR. SUNIL
HALDANKAR**
CVE DEPT.
COORDINATOR



**MR. RAGHAVENDRA
HEGDE**
CSE DEPT.
COORDINATOR



MR. SUDHIR
ME DEPT.
COORDINATOR



MS. NISHA REENA
BASIC SCIENCE
DEPT.
COORDINATOR

ISTE STUDENT CHAPTER 2022-23



MS. SHRUTHA V BHAT
COORDINATOR,
4TH YEAR
CSE DEPT.



MR. ARUN J KUNDGOLKAR
SECRETARY
4TH YEAR
ECE DEPT



**MR. SHESHAGIRI
VAIKUNT PAI**
JOINT SECRETARY,
4TH YEAR
ME DEPT



**MR. SANDHARSH R
ACHARYA**
JOINT SECRETARY,
4TH YEAR
CV DEPT



MR. KARTHIK SHANBHAG
ACTIVE MEMBER
3RD YEAR,
CSE DEPT.



MR. ADITHYA PRAKASH
ACTIVE MEMBER
3RD YEAR,
ECE DEPT.



MR. K N SHREESHA ACHAR
ACTIVE MEMBER
3RD YEAR,
ME DEPT.



MR. TANMAY V SHETTY
ACTIVE MEMBER
3RD YEAR,
CV DEPT.

ISTE FACULTY CHAPTER [KA-118]

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7	Ms. Nisha Reena Nazareth	Department Coordinator	Mathematics	nisha.maths@sode-edu.in	9164370482
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1. FACULTY DEVELOPMENT PROGRAM "UTKARSH"

IQAC in association with ISTE Faculty Chapter organized 5 Days Faculty Development Program "UTKARSH". The FDP inaugurated on 6 October 2022 at 9:30AM in the college premises. Faculty from SMVITM and various colleges participated in the FDP. The two resource persons were Mr. Bhagavan S K and Dr. Rajendra Joshi from Mission 10X of Wipro Technologies.

During the inauguration of FDP Mr. Bhagavan S K said teaching is to touch a life forever, so our mission here is to train you in this direction. Another resource person of the FDP Dr. Rajendra Joshi said teaching-learning is continuum and remembered the famous quote "Anybody who dares to teach must be prepared to learn". He continued his speech, and said UGC and AICTE have approved technological driven education, so faculties are supposed to equip and excel in this regard.

Sri. Rathnakumar, Secretary, Shri Sode Vadiraja Mutt Education Trust, Udupi was the chief guest and said we are fortunate to have such eminent personalities as speakers in this FDP. And I am sure that they will enrich the participants in this training. He appreciated the principal and IQAC for organizing this FDP.



Dr. Thirumaleshwara Bhat, Principal presided over the ceremony and said India is charting a new economic growth road map to emerge as a truly self-reliant energy secure nation by 2047, and for this to happen we are being faculty have got major role to play to educate the youths of future generation and help them to contribute to the society in turn to the Nation. Also he emphasized that teachers should be passionate about teaching and not just limited to their profession.

2. TEACHERS' DAY AND ENGINEER'S DAY

ISTE Faculty Chapter celebrated Teachers' Day and Engineer's day to commemorate birthdays of the two great legends of our country Dr Sarvepalli Radhakrishnan and Sir Mokshagundam Visvesvaraya.

Dr. Somashekara Bhat, Joint Director, MIT, Manipal Academy of Higher Education was the Chief Guest for the event. He remembered his olden days of teaching and said that during 1990's the teacher's role was restricted to teach the concepts in the classroom but the ever changing trend, posing lot of challenges to the teachers to play a varieties of role such as mentor, researcher, counsellor, entrepreneur, data provider and many more.



He continued the speech; the faculty also needs to share the inspiring stories in the classroom about the achievements of their seniors. Also he highlighted on the 17 sustainable development goals of the nation, we are being the teacher and engineer let us all provide the sustainable solutions for the intricate problems of our country and serve the nation to the best of an individual capacity.

Dr. Somashekara Bhat was honored during the occasion and Prof. Dr. Thirumaleshwara Bhat, Principal at his presidential speech highlighted the importance of the quality teaching and being honest in the society.

3. "TECHNO WEEK-2022"

The Department of Civil engineering, ISTE Student chapter in association with Association of consulting Civil Engineers Mangaluru Centre, organized a "Techno Week-2022" technical talk in college premises on 01st October 2022.



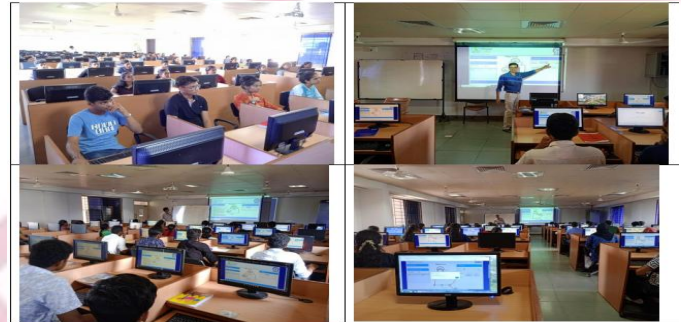
Speaking on the occasion, Resource person Mr. Laxman Kudva, Assistant Professor, Department of Civil Engineering, MIT Manipal on the topic of "Attributes of a Civil Engineer" where he explained for any budding civil engineers who are early on in their career, or for those who are looking to further their career success, it's important to have certain qualities of the essential skills that are necessary for civil engineers today in order to be successful. He also stressed that the Civil Engineer should have the Technical Skills, Oral Communication Skills, Organizational Skills and Attention to detail, Constant Learner and Creativity.

Second Resource person Mr. Girish M G, Assistant Professor, Department of Civil Engineering, MIT Manipal on the topic of "Smart materials" where he explained The effective utilization of locally available waste material has certainly a great importance in civil engineering. In the recent years, the various materials such as flyash, silica sand, ceramic dust, steel scrap from lathe, polyurethane foam etc. were used as a smart material to decrease the various problems occur during and after the construction. The use of eco-friendly materials solves the problems of waste disposing and their effect on environment. Professor also added that overcoming all odds, smart materials will play a powerful role in the 21st century.

4. BRIDGE COURSE- TINKERCAD

Electronics & Communication Engg.. Department in association with ISTE student Chapter has organized

the bridge course on Aurdino- Ideathon and Hackathon using Tinkercad held from 10 October 2022 to 21 October 2022. Training was given by ECE dept. faculties and final year students. At the end of the bridge course competitions were conducted and best presenter was recognized and awarded with cash prize.



5. BRIDGE COURSE- WEB DEVELOPMENT

Computer Science and Engineering Department in association with ISTE cell conducted the Bridge Course on Web Development from 10 October 2022 to 21 October 2022 at CS Labs 3rd Floor, Admin Block, SMVITM.

Dr. Sowmya J Bhat, HOD of CSE gave the inaugural address. She spoke about the significance of the bridge course and gave insights on the importance of the topic for the creation of Web Application. Faculties of Computer Science and Engineering department namely Mr. Sharath Kumar, Ms. Soumya S, Ms. Soumya N H were the resource persons for the event. They gave the participants significant insights on the basics of Web application development, Hands-on experience on HTML and CSS. They also described the project that the participants would finally be able to build after learning about the topic.



6. INVITED TALK- PROBLEM SOLVING & IDEA GENERATION

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and IIC has organized an invited talk on the topic "Problem Solving and Idea Generation" on 31-10-2022 at 3:00p.m in EC010 (ECE Department). Mr. David Saldanha, CEO at Aion Health Solutions Pvt. Ltd. Bengaluru was the resource person.



The talk started with the first significant step of Problem Solving and Idea Generation is formulating the problem statement. Further, to find a solution to the identified problem there are different ways to be followed. Some important steps are listening, observing and writing down the ideas. He has stressed upon each of these topics separately by giving real time examples and illustrations. Also he has given the examples of Larry Page and others who have made the impossible things possible by looking at things differently. He gave insights on sharing one's own idea with the team to get the motivation and new perspective to solve the problem. He shared his own life story to motivate the students and concluded the talk with the message to convert your novel idea into a final product, in-spite of all the difficulties you face in the middle of the work.

7. INDUSTRIAL TRIP- NIRMITHI KENDRA

Civil Engineering Department in association with ISTE student chapter organized a One day technical site visit to the Civil Engineering students. On the first visit students and faculty members visited Dakshina Kannada Nirmithi Kendra, Speaking on the site visit Er. Rajendra Kalbhavi, Project Director gave great insights into the importance of low cost effective options available for building & constructions. In his address, he highlighted there is lot happening in the field of innovative construction,

enormous changes are taking place especially in the Research and Development part of it. The alternative environment friendly building materials and technologies developed by various research institutes to bridge the Lab to Land gaps.

Second site visit, applied mechanics and Hydraulics lab of NITK Surathkal, where research scholars demonstrated the wave flume, venture flume and various research projects undergone and undergoing in the field of Hydraulics and Marine structures. Students also visited GIS and GPS lab of NITK and able to get the knowledge of GIS mapping and software's available in the GIS database.



Third Visit was in Sristi ventures, Padubidri where students able to get the knowledge of Ecowall as a modern construction technology used in construction technology used in construction of RCC walls and slabs for buildings. It is a prefabricated single pan to 10 stories economically. Panels are factory produced constituting of central core of EPS in a wave form, which mainly performs as thermal barrier.

Dr. sandeep J Nayak, Head Department of Civil Engineering, Faculty members Ms. Deepika B V, Mr. Sunil Haldankar, Mr. Madhusoodhana Rao, Mr. Rosha Kotian & Mr. Jayaram nayak along with 40 students participated in this Knowledge enrich technical site visit.

8. VALUE ADDED COURSE-CADD

Civil Engineering Department in association with ISTE student chapter organized a value added course to the Civil Engineering students. Speaking on this occasion Er. Amith Aravind Nayak, Partner Archana Projects Udupi gave a great insight into the importance of learning the multinational companies. In his address, he highlighted the importance of a

civil engineer to understand the Digital construction techniques and proper software skills to build the infrastructural development with futuristic views.

Er. Amith Aravind Nayak also stressed how society has realized the importance of home during these difficult covid pandemic times. In today & market, software skills are valuable addition to students & core subject knowledge and contribute to a prosperous professional life. He appreciated the facilities provided in the Civil Engineering Department, for providing a wonderful platform for the students to enhance their knowledge.



Vice Principal Dr. Ganesh Aithal were present in the program. Dr. Sandeep J Nayak, Head of the Department gave the welcome address, Ms. Anvitha, Proposed the vote of thanks, Ms. Priyanka Dsouza compeered the program.

9. WEBINAR- INDUSTRY 4.0

Department of Mechanical Engineering in association with ISTE Student Chapter has organised an invited webinar on the topic "Industry 4.0" on 12-11-2022 at 11:00 am in Seminar Hall (Admin Block). Mr. Subarno Bhattacharya, Deputy Registrar, Directorate of Online Education, Manipal University, Jaipur was the resource person.

The following points were described during the webinar

- Industry 4.0 is a broad vision with clear frameworks and reference architectures, mainly characterised by the bridging of physical industrial assets and digital technologies in so-called cyber-physical systems.
- Industry 4.0 is a vision that evolved from an initiative to make the German manufacturing industry more competitive ('Industry 4.0') to a globally adopted term.



- The goal is to enable autonomous decision-making processes, monitor assets and processes in real-time, and enables equally real-time connected value creation networks through early involvement of stakeholders, and vertical and horizontal integration.
- The fourth industrial revolution and the impact of the drivers and technologies behind Industry 4.0 have been looked at from the perspective of various sectors after the concept was launched.
- In essence, the technologies making Industry 4.0 possible leverage existing data and ample additional data sources, including data from connected assets to gain efficiencies on multiple levels, transform existing manufacturing processes, create end-to-end information streams across the value chain and realise new services and business models.
- Industry 4.0 builds upon data models and data mapping across the mentioned end-to-end product life cycle and value stream. All the technologies in Industry 4.0 need to be seen in that perspective whereby integration is key.
- Integrations in Industry 4.0: Vertical and horizontal integration as all systems change, The first is vertical integration whereby all the systems in the traditional automation pyramid are affected: from field level and control level to production level, operations level and enterprise planning level.

10. ALUMNI TALK- ADVANCES & OPPORTUNITIES IN CONSTRUCTION TECHNOLOGY AND MANAGEMENT

Civil Engineering Department of in association with ISTE student chapter organized a technical talk to the Civil Engineering students. Speaking on this occasion our proud Alumni Er.Sandeep Nayak, Global Trade Compliance Specialist, Allyn Trade

International inspired the students with his site experience, case studies in construction Technology & Management. In his address, he spoke on the skill that the aspiring Civil Engineer should have and the present day market demand and the expertise in the field of management.



Er. SandeepNayak also stressed on NICMAR (National Institute of Construction Management & Research) where he obtained his Post-graduation in Construction Engineering Management. He spoke on the enrollment process, how to prepare for the entrance exam, life style in the campus, Placement companies and future prospectus for the students.

11. PEER LEARNING WORKSHOP- ANDROID APPLICATION & DEVELOPMENT

Computer Science and Engineering Department in association with ISTE cell conducted the Peer Learning Workshop on “Android Application Development” on 21st and 22nd November 2022 from 10.00 AM to 4.30 PM at Lab CC3, 3rd Floor, Admin Block, SMVITM.

Dr. Sowmya J Bhat, HOD of CSE gave the inaugural address. She spoke about the significance of the peer learning session and gave insights on the importance of the topic for the creation of a good Android Application.



Students from 7th semester CSE namely Ms. Shrutha V Bhat, Mr. Vikram G Thunga, Mr. Vishwas Prabhu and Mr. Yajnesh, were the resource persons for the event. They gave the participants significant

insights on the basics of Android application development, Hands-on experience on layouts, navigation, connection to internet, data persistence, work manger and much more. They also taught the participants about the purpose of using XML, Java various features that are available in Android Studio, and gave some essential tips and tricks to code quickly and efficiently. They also described the project that the participants would finally be able to build after learning about the topic.

12. PEER LEARNING SESSION- INTERNSHIP OPPORTUNITIES IN STARTUPS

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and IIC had organized a Peer Learning Session on 22-11-2022 at 12:00p.m in EC012 (ECE Department).



The Final Year Students from the ECE Department were the resource persons. Ms. Sameeksha P U started her talk by sharing the experience about her internship in VI Solutions Bangalore. She briefed about NI Lab View software and application of the same. At the end of her session, she showed the project that she worked on during her internship.

The session was continued by Ms. Shreya Upendra, who did her internship from BEL, in Machili patnam. She shared her experience of 4 weeks of internship. She discussed about the YOLO algorithm, Animal Detection and Number Plate Detection on which she worked during her internship period.

Later the session was taken over by Ms. Akshatha Renjal who is currently undergoing a research internship. She talked about the challenges faced by her during the collection of real- time data (number plate detection of a vehicle which has undergone an

accident) and processing of the collected data. She told about the importance of survey and how the communication among the team members is important in completing any given task.

13. INDUCTION PROGRAM

Basic Science Department in association with ISTE Cell organized a two week "Student Induction Program 2022-23" for the first year students of all branches in the Seminar Hall (Library Block) from 28/11/2021 to 03/12/2022. Around 410+ participants were present for the program.

Day-1(28/11/2022)

Session-1(9.05AM-9.15AM): Dr. Ravindra H J, First year B.E. coordinator, welcomed the newly joined first year students and gave the brief introduction about the Student Induction Program.

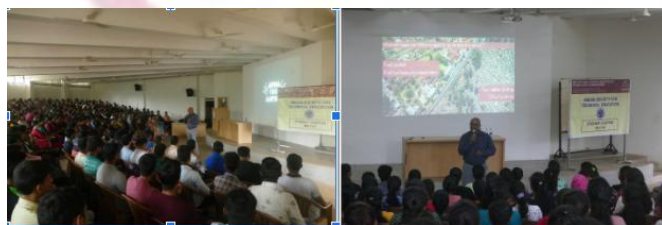


Session-2(9.15 AM - 11.15 AM): Mr. Shubhash Bangera, National trainer, JCI-India, conducted a session on "Apna time Ajega". In his training session he encouraged and requested the students to participate in all the activities. He also said that "Raath ke baad subhah aata hai"- so no need to worry about failures. He also expressed the importance leadership qualities. He told that knowing yourself, having a clear vision, developing trust, and acting decisively to reach your own leadership potential are all essential components of leadership.

Session-3(11.45AM-12.45AM): Dr. Ravindranath Shanbhag, Human Rights Protection Foundation Chairman and Senior Citizens' spoke on the topic Rights activist Role of youths to protect weaker section of the society. He also explained the role of young as rights activists in defending acts to promote or protect human rights.

In the afternoon from 1.45PM to 4.30PM- A tour to get familiarize the common amenities of the college

like Library, Laboratories, of all departments and 1st year labs and central facilities(in Groups).



Day-2(29/11/2022)

Session-1(9.05AM-11.15AM): Mr. Karthik Kateel S Kateel, CEO & Founder Swaraksha for Women Trust, along with his mother Ms. Shobhalatha conducted a session on self-defense.



Session-2(11.45 AM - 12.30 PM): Dr. Sudarshan Rao, Professor & Dean (IQAC), Department of Mechanical Engineering introduced the students with the concept of Outcome-Based Education (OBE). OBE is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels. OBE makes students more employable by equipping them with knowledge and skills as required by the employers. This framework helps in building learner competencies and makes students life-long learners. The session commenced with the explanation of the Department Vision and Mission Program Educational Objectives (PEOs), Program specific outcomes (PSOs) and Program Outcomes (POs) were elaborated by him.



Session-3(1.30- 4.30 PM): Team formations for extracurricular activities were done and in the afternoon session by Mr. Ananthesh Rao,

Coordinator, Extracurricular Cell, addressed the students about the literary activities.



Day-3(30/12/2021)

Session-1(9.15AM-10.30AM): Ms. Deepika, Assistant Professor and HOD, Department of Civil Engineering conducted a session on the subject of "Understanding Health," in which she informed the participants on how to take care of their health, provided advice on eating a balanced diet, discussed the value of regular exercise, and addressed all of the concerns that they had. The speaker also discussed her journey toward fitness, inspiring the audience to get moving and think about including yoga, sports, and other activities into their daily lives.



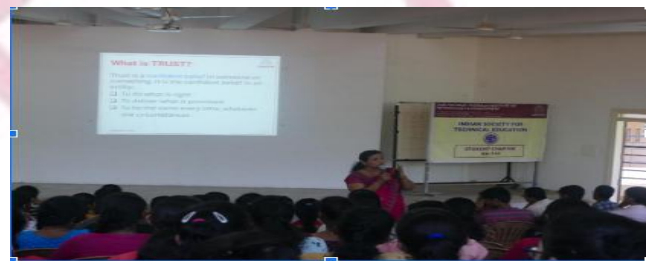
Session-2(11.00AM-12.30PM): Dr. C.K. Manjunath, Student Welfare Officer, Head placement department conducted a session on placement orientation. He pointed out the importance of marks, interview techniques and corporate skills.



Session-3(1.45 PM - 4.30 PM): Mr. AnanteshRao - Dept. of Mechanical Engg. Extracurricular coordinator, Creative Practice

Day-4(01/12/2022)

Session-1(9.15 AM - 10.30 AM):Dr. Lolita Priya Castelino, Associate Professor & HOD, Department of Mathematics stated the first session on the topic 'The foundation of relationship', where she shared her past experiences to the students about what trust means, gave insights about communication and networking, spoke about why trust is important and how to work on building trust with people around us.



Session-2(11.00 AM-12.30 PM): ISTE/IEEE. Mr. Chethan R, Sr. Assistant professor from the department of ECE, coordinator of ISTE explained about the ISTE student and faculty chapter. He also briefed about the activities planned and conducted during the academic year.



Session-3(1.45 PM - 4.30 PM) This session was conducted by the coordinators of EDC, NSS, YRC, NCC, where the coordinators briefed about their cells and encouraged students to join and highlighted the benefits of active participation while serving for the community. Process followed in organising the club and the activities done in these clubs, how participating in a cells helps them in enhancing their skills and helps in achieving their career opportunities etc. is explained by the cell coordinators.



Day-5(02/12/2022)

Session-1(9.00 AM – 10.30 AM):Dr. P V Bhandary Psychiatrist, Dr. A. V. Baliga Memorial Hospital, Udupi gave a talk on Mobile Addiction. In his speech he said that the mobile addiction has come to children because of online education. Internet addiction a new emerging addiction among youth. Internet and mobile are necessary evils, too much usage is not good.



Session-2(11.00AM-12.00PM): Ms. Savitha Shenoy Asst. Professor (Sr.)Dept. of Comp. Sc. and Engg. has delivered a talk on communication skills. In her speech he highlighted the various types of communications and the importance of effective communication.



Session-3(1.30 PM-3.00 PM):Library orientation Mr. Deepak S, Librarian engaged a session on Library Orientation, where he gave the information about the facilities of central library like books, m-library, cloud version, digital library, photocopy center, internet and also encouraged students to enroll for the book bank facility. Also from the central library they had arranged a session on 'Library vs digital library by Dr. H UdayaPrasanna, Professor, Department of Mechanical Engineering.



Session-4(3.15 PM-4.30 PM):Alumni interaction: Our Alumna Ms. Jyothi Kamat from Computer Science and engineering shared her experience. She requested the students to participate in all activities. She also suggested to enjoy the college life.



Day-6(03/12/2022) Performance by students

Extracurricular Cell has arranged a talent show by the various teams of the first year students which was started at 9.30AM. and concluded at 12.30PM.Teams had come up with variety act which included singing, dancing, skit, etc.



14. KEYBOARD MASTERS 2.0



Computer Science and Engineering Department in association with ISTE Student Chapter and Code Troopers Club have organized Keyboard Master 2.0 a speed typing competition held on 8th December 2022 from 3:00 PM to 4:30 PM in CC-II, CC-III Lab of Main Block and Computer Lab of Artificial Intelligence and Data Science Block.

There were around 250 enthusiastic participants who took part in the contest. The competition was open for all branches and years. There were 2 rounds in the competition. The participants were divided into batches and the contest was held. They were judged based on their speed, accuracy, and

error hits. The second round was held on 9th December 2022 from 3.00 PM to 3.30 PM in CC- III Lab, 20 participants were selected to participate in this round.

Mr. Shivam Kumar Sharma, from 1st semester CSE won first place and Mr. Vikram Girish Thunga, from 7th semester CSE was the runner-up.

15. NATIONAL LEVEL IDEATHON

Entrepreneurship Development cell in association with ISTE Student Chapter organized "IDEATHON 2022" on 10 December 2022 in the college premises. The major objective of the program was to exhibit technical idea based on various themes and hence to flourish thinking ability of the students to solve the societal related problems.

The program was started by lighting the lamp. Mr. Arun Upadhyaya, Asst. Professor (Sr.), the Coordinator of Entrepreneurship Development Cell welcomed the gathering and briefed about the program. He expressed his gratitude to the participants of various colleges of Karnataka and also from outside for registering the event in large number with so much of enthusiasm.

Chief Guest of "IDEATHON 2022". Mr. Dinesh Karnik, Managing Director, Prueba India Software Pvt Ltd, Manipal addressed the gathering. During his speech Mr. Karnik mentioned that most of the time, the necessity creates innovation and it would be great if innovation become a passion for students. The chief Guest also spoke about need to work intensively to solve a problem and contribute to the society. Finally he mentioned that even the students with innovative mind set can also become an entrepreneur and get success in life.

Prof. Dr. ThirumaleshwaraBhat, Principal, SMVITM has delivered presidential remark. In his speech he mentioned that this kind of program will help to generate new ideas which will help mankind to resolve their problems and also congratulated the participants for showing interest to participate in such events.

Mr. Harish Belman, HEAD, Premier Investments, and also Governing Council member of SMVITM was the Guest of Honour of the inaugural function. Winners

of the event was awarded with a cash prize worth of Rs.50,000 along with certificates to the participants.



16. TECH LIKITH

Co-curricular committee in association with ISTE student chapter of SMVITM, conducted TECH-LIKITH, a technical article writing competition. A total of 42 students were registered from all different branches and 17 students submitted the hard copy. Total 17 hard copies of the article were submitted to the cocurricular coordinator Renita Sharon Monis. The received article topics included Augmented Reality, Smart contract, Currency Technology, Block chain Metaverse, Extended Reality, Cloud Computing and many more. Finally, the 3 best articles were selected based on originality, clarity structure and overall impression. Winners were awarded by cash prizes on national Mathematics day celebration.

17. TECH TALK 1.0

Technocrats Club of Electronics and Communication Department in association with ISTE Students Chapter has conducted the TECH TALK 1.0 event on 15/12/2022 at 2:00PM in the college premises.

Mr. RanjithBhat, Sr. Asst. Professor, ECE Dept. and Mr. Sunil Haldankar, Sr. Asst. Professor, CV Dept. were the judges. In the competition students spoke on the topics IOT in Healthcare, Communication technology, Metaverse, Natural Language Processing, Green building, Cracks in concrete, Electric Vehicles, Nanomaterial.



Mr. Ashwinkumar G Rao, first year, CSE Dept. and Ms. AnkithaShet, third year, ECE Dept. have shared the first prize.

18. NON DESTRUCTIVE TESTING



Department of Mechanical Engineering in association with ISTE Student Chapter has organised an invited talk on the topic “Non Destructive Testing” on 16-12-2022 at 11:30 am in Seminar Hall (Admin Block). Mr. B. S. Venkata subramanian, ASNT NDT Level III, Training and Certification Superintendent, V&G Industrial Testing Laboratories Pvt Ltd, Mangalore was the resource person.

This program was specifically designed in order to provide a special insight regarding Non destructive Testing, its general applications and career opportunities in the same. The program include demonstrations and experimentations using different techniques of NDT and informative case studies

Mr. B. S. Venkata subramanian addressed the participants with valuable information on Non Destructive Testing, general application and career opportunities, challenges, technologies in the NDT field. He demonstrated different techniques of NDT with real-life examples and case studies. The

theories of Visual testing, Ultrasonic Testing, Radiography testing, Dye Penetrant Testing, Magnetic particle method and many more were explained in detail.

19. LEARN TO REPAIR & TROUBLESHOOT IN ELECTRONICS – HANDS-ON SESSION

Department of Electronics and Communication Engineering in association with ISTE Student Chapter has organized a hands-on session on “Learn to repair & troubleshoot electronics” on 17-12-2022 at 10:00a.m in Analog Electronics Lab (ECE Department). Mr. Madhusudhan Thanthry P. N, Foreman and Mr. Sandeep K.R, Sr. Lab Instructor, Department of ECE were the resource persons.



The session started with a small introduction to the power supply and different components involved in the power supply. Students were divided into groups and each group of students explored the concepts through hands-on experience. In the first half of the session, students were taught soldering, how to make the connections using wires and switches, how to light a bulb and to connect relay circuits. In the second part of the session, the participants got an exposure to know more about home appliances such as mixer, iron box, TV, lamp, stabilizer, electric water heater immersion coil etc.

20. POSTER PRESENTATION COMPETITION

Co-curricular committee in association with ISTE student chapter of SMVITM organized poster presentation competition for students of SMVITM in the institute premises on 19th December 2022. The poster presentation competition was organized for the students in the seminar hall of the admin block. Total 26 posters were presented based on the 5G wireless network, IOT in Healthcare, Cloud Computing and AI Based Picture Translation etc. exhibited enthusiastically by the students.



HOD's, Faculty members and students visited the venue and interacted with participants who were representing their Posters and also gave good suggestions to them. The poster presentation event was judged by Dr. Guruprasad, Associate professor department of E&C, Mr. Sharath K, Senior Assistant professor department of CSE and Mr. MadhusudhanRao, Associate professor department of Civil Engineering. Three best posters were awarded with cash prizes.

21. CIRCUIT DEBUG 1.0

TechnoCrators Club of Electronics and Communication Department in association with ISTE Students Chapter has conducted the CIRCUIT DEBUG 1.0 event on 22/12/2022 at 11:00AM in the ECE Dept.

Mr. Sandesh Kumar, Sr. Asst. Professor, ECE Dept. and Ms. Vijayalatha Devadiga, Sr. Asst. Professor, ECE Dept. were the judges. The first round was the MCQ round followed by the Circuit Rig Up and finally the Circuit Debug Round. Mr. Tanmay Kalkur and Mr. Swasthik of 5th sem ECE, secured the first prize in the circuit debug.



22. NATIONAL MATHEMATICS DAY

The department of Mathematics in association with the faculty chapter of Indian Society of Technical Education (ISTE) organised an invited talk on 23 December 2022 on the occasion of "National

Mathematics Day" to commemorate 135th birthday of the great Indian Mathematician Shri Srinivasa Ramanujan.



Dr. C. K. Manjunath, Student welfare officer, SMVITM, Bantakal, was the speaker. In his talk he mentioned that looking into the contribution of Indian Mathematician Srinivas Ramanujan ,Ex. Prime Minister Dr. Monmohan Sigh declared Ramanjans 125th birth anniversary as National Mathematics Day in the year 2012 . Also he narrated about the Ramanujans early life and interest toward the numbers. He inspired the students taking the example that without the formal training in pure mathematics, he had made substantial contributions in Mathematics so he asked students to create a new mile stone at this campus.

Principal, Professor Dr. Thirumaleshwara Bhat welcomed the gathering and briefed about the importance of the day. Dr. Lolita Priya castelino, HOD of Mathematics, mentioned the names of the students who scored 100 in Mathematics in the end semester examination and were honoured by the institution. Also, distributed the prizes of various events conducted under ISTE banner.

23. KNOWING THYSELF-JOURNEY INTO SELF

Department of Electronics and Communication in association with placement cell & ISTE student chapter organized a talk on " Knowing Thyself- A journey into self" on 24/12/2022 at 10am onwards in Seminar Hall, Admin Block, SMVITM for Final year students of all branches & pre final year students of ECE. The resource person was Mr. Ankith S Kumar,

Counsellor, Department of Counselling, Welfare, Training & Placement, NMAMIT, NITTE.



The Agenda of talk covered topics like mind health, brain space that's been utilized, knowing about inner self of an individual when time spent all alone. It also focused on topics like distortion that is present in outside world, what to & how to focus on things which are important.

Mr. Ankith also stressed on topics like positive attitude & having one, how it makes a difference; about values & ethics. He also spoke about ideal self, real self & societal self, human behaviour in general & also discussed about how to deal with challenges that comes ahead in life. The session was activity based learning and inspiring session to students.

24. FIVE DAYS FDP ON 'HEALTHCARE ANALYTICS'

The inaugural function of Five Days Faculty Development programme on "Health Care Analytics" organized by Department of Computer Science & Engineering of in association with Biomedical Engineering Society of India and Indian Society for Technical Education was held on 09th January 2023.

The faculty development programme is devoted to address the need of technological developments in data science and its allied fields. The aim of this FDP is to create awareness on the usage of analytics and importance of security in the healthcare domain.

Mr Somnath Jogi, Director, Kambala Solutions, Mangaluru was the chief Guest. He told that Learning is a continuous process and such faculty development programmes will help in improving the

skillset. Such programmes have huge benefit as the knowledge acquired by the faculties can be imparted to the student fraternity.



Shri RathnaKumar, Secretary, Shri Sode Vadiraja Mutt Education Trust Udipi was the Guest of Honor. He told that there is engineering behind every medical research happening in the present. He also told that such FDP's not only enrich the minds of the faculty but also give them new horizons to work in and it should be done regularly.

Dr ThirumaleshwarBhat was the president of the event. He appreciated the efforts of the computer science Department for organizing FDP on Health Care which is the need of the present days.

The morning session of Day 1 was conducted by Dr. U. C. Niranjana, President, Biomedical Engineering Society of India, on 9th Jan 2023 at CCIII, 3rd floor, Admin Block from 10.45 AM to 01.00 PM on 'Medical Image Analysis' using MedTech Processing Instruments. Dr. Niranjana gave the insight on biomedical instrumentation, image capturing and their representations in the form of VOXEL. He also gave the introduction on PACS architecture.

Afternoon session of Day 1 was conducted by Mr. Krishnaraj, who is a research scholar at MIT Manipal, from 2.00 PM to 4.00 PM on topic 'Machine Learning Basics to Advanced'. He Spoke about the application of machine learning in the health care field. He demonstrated the dataset extraction from Kaggle and gave the insights on data balancing and support vector machine.

Day 2 of 5 Days FDP was started at 9.30 AM at CCIII of Admin block on 10th Jan 2023. The session was on 'Technology trends in Healthcare', conducted by

Dr. Cifha Saldanha, Senior Assistant Professor, Dept of Biomedical Engineering, MIT Manipal. She spoke about recent advances and area of research in Biomedical Engineering. She also explained about Bioinstrumentation and implants.



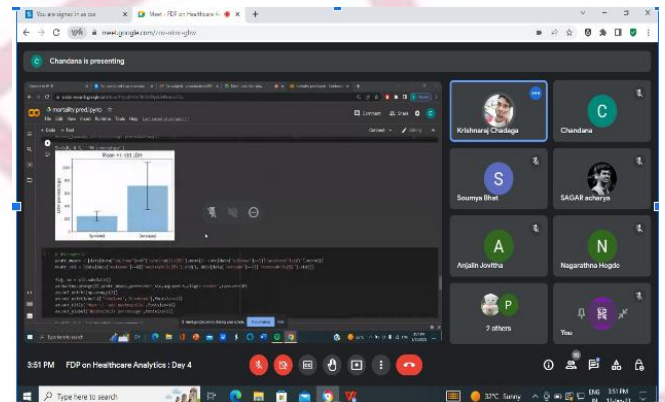
The afternoon session was on 'Covid 19 severity prediction using machine learning and explainable AI'. It was a hands on session and conducted by Mr. Krishnaraj Chadaga, Research scholar, MIT Manipal. He demonstrated how to load the datasets and run them with different algorithms. Accuracy levels were compared with graphs and different forms of charts. Third day of FDP was held on 11th Jan 2023 and the morning session was on 'Interdisciplinary research prospects and funding opportunities' and it was conducted by Dr. Sneha Nayak, Assistant Professor, Dept. of Bio technology Engineering, NMAMIT Nitte. She gave the insights on collaborative work interdisciplinary projects and various funding opportunities for the same by Government and non government organizations.



The afternoon sessions were on 'Data collection challenges and roadmap for paper writing' and 'Data analytics and segmentation techniques'. Both the sessions were conducted by Mr. AbhishekRao, Assistant professor, Department of Information Science and Engineering, NMAMIT, Nitte. He spoke about the real challenges faced by researcher especially while collecting the data samples. He gave

the insights on research topic selection, feasibility and novelty.

The fourth day of FDP was conducted on virtual mode through Google meet on 12th Jan 2023. It was a Project discussion and doubt clearing session. Mr. Krishnaraj Chadaga, research scholar, MIT Manipal addressed the issues faced by participants while working on data sets, extracting the data sets from kaggle, selection of algorithm, analysing the confusion matrix, selection of median over mean value etc.



The Fifth day of FDP was conducted on 13th Jan. 2023. There were sessions on 'Technology meet well-being' followed by 'Demonstration of tools used for analytics'. Mrs. Suparna Shetty, Managing Director, Eterna Infotech was the resource person. She has 25 years of experience in IT industry in Australia and Asian countries and has exposer to medical, especially mental health analytics. She gave the idea on data visualization tool - Power BI (Business Intelligence). The session was ended by 12.15 PM.

Valedictory function was commenced at 12.30PM on 13th Jan 2023 at CC III, admin block and Prof. Dr. Ganesh Aithal, Vice Principal, SMVITM Udupi, addressed the gathering. He spoke about the importance of such sessions and appreciated and thanked all the resource persons and organizing committee of the event.

Participants shared their valuable feedbacks. Certificates were distributed to participants by Mrs. Suparna Shetty, Managing Director - EternalInfotech. HOD of Computer Science and Engineering Dr. Soumya J. Bhat was present during the event.



Dr. Thirumaleshwara Bhat, Principal during the inauguration of the workshop, encouraged the students to learn new things and latest technologies. Dr. Sachin Bhat, HOD of ECE department appreciated the students and also highlighted upon the need to update one-self with the current technologies. Dr. Ganesh Aithal, Vice-principal motivated the students and mentioned the significance of python programming in academics for career opportunities.

25. TWO DAYS HANDS-ON WORKSHOP ON PYTHON & GUI



The Department of ECE in association with ISTE student chapter has organized two days workshop on "Python & GUI" on 10th and 11th January 2023 for the benefit of the ECE students. Mr. Mahesh Deginal, Managing director of Karunadu Technologies was the resource person for the workshop. In this workshop, the students have learnt about python which is a trending high level programming language and can be used on a server to create varieties of web applications. In this two day workshop the resource person introduced the basics of python programming language and students were made to execute simple tasks such as calculator, email ID creation etc. by using python.



26. WORKSHOP ON "ARDUINO APPLICATIONS"



The Institution Innovation Council and Indian Society for Technical Education in association with Atal Tinkering Lab, Karnataka Public School Hiriadka, Udupi organized a hands-on workshop on "ARDUINO APPLICATIONS" on 12th January 2023.

Mr. Sandesh Kumar, Sr. Asst. Professor, ECE Dept., along with students of SMVITM, Prasanna Shet, Ankitha Annappa Shet, Pratham, Rahul Manjunatha Poojari and Rimsha were the resource persons. The students of SMVITM conducted a session on Arduino and its programming for around 55 students and they demonstrated various application circuits using Arduino kits.

27. INVITED TALK ON "TRADITIONAL MEDICINE HISTORY & IMPORTANCE"

On the occasion of AzadiKa Amrit Mahotsav, the student chapter of the Indian Society of Technical Education (ISTE) organized an invited talk on 13 January 2023 on the topic "Traditional Medicine History & Importance" at 11.30 A.M. in the seminar hall (Admin Block).

Dr. Jayakrishna Nayak, Professor, Department of Shalakyatantra, S.D.M. College of Ayurveda & Hospital, Udupi, was the speaker. In his talk he told that the word Ayurveda is derived from the Sanskrit

language which is not only a medium of communication, but also gave rise to the whole civilization from which we are benefiting today.



The ancient fundamentals of Ayurveda from which the patients are treated today are by the noumenal processes like observation; experience from Nature's workings, without the existence of nature Ayurveda is nothing. Traditional science makes things easy for us and he called traditional food as medicinal food because process of cooking food in the kitchen is almost same as preparing medicine in Ayurveda. Every human being is benefited by Ayurveda unknowingly starting from birth till death. He concluded his talk by clearing the student's doubts in importance of Ayurveda.

28. INVITED TALK ON "GLOBAL SCIENCE FOR GLOBAL WELLBEING"

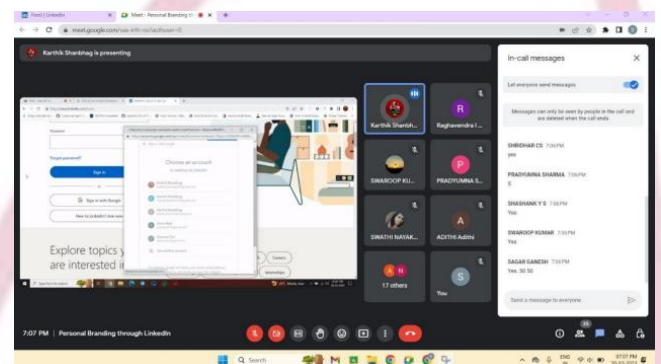
On the occasion of National Education Science Day, the student chapter of the Indian Society of Technical Education (ISTE) organized an invited talk on 28 February 2023 on the topic "Global Science for Global Wellbeing" at 3.00 P.M. in the seminar hall (Admin Block).



Mr. Vargees P., Principal, Government PU College, Malpe, Udipi, was the speaker. While addressing students he spoke about the importance of science in everyday life, he emphasized on the Raman Effect, named after the Scientist who discovered it and to commemorate this discovery we celebrate the National Science Day. He told that though most of the inventions were accidental, they play a prominent role to eradicate the epidemics and for the humanitarian cause. As inventions are noteworthy for a country the scientist are the treasures, hence a country can evolve thanks to scientists who find a new approach to problems and prove new scientific law and solutions. He concluded with a remark that students must question, think, search and discover which paves way to the inventions.

29. PERSONAL BRANDING THROUGH LINKEDIN

Department of Computer Science and Engineering in association with ISTE Student Chapter organized a peer learning session on the topic 'Personal Branding Through LinkedIn' on 20th March, 2023 from 7:00 PM to 8:00 PM for the 2nd year Students. The session was held online through google meet. Ms. Shrutha V Bhat, student, 4 th Year CSE and Mr. Karthik Shanbhag, Student, 3rd Year CSE addressed the students about the basics of LinkedIn. They emphasized on the need of having an active profile in the platform.



They also spoke about the job opportunities that one can get through LinkedIn, how to get referrals, how to contact Hiring Managers and how to build a strong presence on LinkedIn.

30. TECH TALK ON PLACEMENT PREPARATION (PEER LEARNING SESSION)

Department of Computer Science and Engineering in association with ISTE Student Chapter organized a peer learning session on Placement preparation, 'Tech Talk' on 28 th March, 2023 from 3:30 PM to 4:30 PM for the 3rd year CSE Students of SMVITM, Bantakal. The session was held in CCC Lab of Admin Block.



Final year students Ms. Shrutha V Bhat and Mr. Yajnesh addressed the students about various placement preparation strategies. They emphasized on the need of preparing early and being consistent in the process. They also spoke about the various job opportunities, both in Government and Private sectors, different platforms to use for placement preparation. They also stressed on the necessity of having great communication skills and ways to improve it.

31. "WORLD WATER DAY"-THE ISSUE OF MICROPLASTIC POLLUTION IN THE AQUATIC ECOSYSTEM OF COASTAL KARNATAKA"

Civil Engineering Department of in association with ISTE and Sthapathi student club organised a talk on Microplastic Pollution in the Aquatic Ecosystem of Coastal Karnataka" by Dr. Anish Kumar Warriar, Associate Professor, Department of Civil Engineering, MIT, Manipal on 10-04-2023 at 11am in seminar hall Admin Block.



In his first part of talk he spoke about the plastic pollution, its causes and effects. In the second part spoke about his research work in various resource such as Case study in microplastics pollution in river

Nethravathi, micro plastics in Manipal Lake and micro plastics in St. Marys Island He also spoke about research work of submarine groundwater discharge of micro plastics and research work near Kota Mangrove region on fishes and crabs. He gave various examples related to plastics use as coffee cups, grocery bags, ordering online food.He spoke about what is plastic, what is it made of , how it is made and about micro plastics and macro plastics and its effects to ocean.

He said that 117 trillion plastic bags currently present in oceans. He spoke on major topic on what happens to the aquatic life by the plastic and gave the example of mid way island. He informed about the physical threat to marine life. At last he gave the 5R's refuse, reduce, reduce, recycle, redesign to control the use of plastic waste that ends up in the ocean. He also spoke about the alternatives to plastic. Finally, he concluded to use 5R's and its each and everyone's responsibility to stop disposal of plastic waste to ocean.

32. WORKSHOP ON BAR BENDING AND SCHEDULING

The Department of Civil engineering in association with ISTE Student Chapter & STHAPATI student club organized a workshop on "Bar Bending and Scheduling" on 18 th April 2023.

The workshop started with the brief introduction on relevance of Bar bending schedule (BBS) by Mr. Sunil Haldankar Assistant Professor (Sr), He also explained about the different size of rebars, calculation of weight per meter length of various rebars and its uses. Wherein he elucidates on the footing reinforcement, provision of top and bottom reinforcement for the footing, bent up bars, two legged stirrups, providing of hooks, main straight bar, Anchor bars, main bent up bars, binding of the bars.

In the second part hands on training on bar bending by Mr. Sandarsh Acharya ,Mr. Ayush Shetty from the final year Civil Department. All the students from final year and pre final year where involved in it. All the students had got the opportunity to make stirrups using 8mm bars. In this session proper method of installation column reinforcement, providing of top and bottom reinforcement, proper

way of binding the stirrups to the main bars has been taught.



33. ALUMNI INTERACTION ON "ROADMAP TO DATA SCIENCE & ANALYTICAL INDUSTRY"

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and Alumni Cell had organized an Alumni Interaction Session on 21-04-2023 at 12:00p.m in EC011 (ECE Department). Mr. Bharath Shenoy, Human Resource Executive-System & Analytics, Intelliswift Software Inc. was the resource person. At the beginning of session a short introduction to the topics of Data Science and Data Analytics were given with examples, which helped the students to relate the topics to the real-time applications.



The comparison between the two fields facilitated to distinguish between them. The roadmap to become a data scientist and the data analyst roadmap gave knowledge about the different fields of science and engineering that are required to become a successful data scientist and data analyst. Along

with these, non-tech domain knowledge, data analytics learning and development tools available were also discussed. The variety of opportunities in the field of data science and data analytics was highlighted. At the end, the importance of acquiring technical skills and knowledge along with current marketing trends were briefed.



34. STATE LEVEL ISTE AWARD



Ms. Shrutha V Baht of final year Computer Science and Engineering student has been awarded with Prestigious Karnataka State Level Best Student of the Chapter Award for her overall performance and active involvement in organizing events under the ISTE Student chapter of the college for the year 2022-23. The award was handed over to her during the inaugural ceremony of 18 Karnataka State Level ISTE Student Convention held on Saturday 06 May 2023 at Vemana Institute of Technology, Bengaluru.

This is sixth time the student of this college is receiving this award. The college management, principal, faculty, Staff and Students have expressed their heartfelt gratitude towards her achievement.

35. FINAL YEAR PROJECT EXHIBITION

Co-curricular committee in association with ISTE student chapter and IIC of SMVITM, conducted Final Year Project Exhibition on account of National Technology Day in the institute premises. Experts nominated a total of 2 student projects as Best Projects from each department. The I prize was 3,000 and II prize was 2,000 cash was awarded at a farewell function on 13th May 2023. Program was coordinated by cocurricular co-ordinator Dr. Renita Sharon Monis.

Report of ME Projects:

8 projects of the final year from the Department of Mechanical Engineering were exhibited at the department ground floor. The live models of the project along with presentations and banners were exhibited enthusiastically by the students. 4 projects were design and fabrication based while the remaining 4 were research based in the areas of IC engines, utilization of solar power and Mg alloy processing. The judges Mr. Roshan Kotian Assistant Professor, Department of Civil Engineering and Dr. Manjunath, Assistant Professor (Sl. Grade), Department of Mechanical Engineering visited each of the projects and interacted with the students, as they highlighted the salient features of the projects including ideation, innovation, design, fabrication, testing and results obtained. The principal Dr. Thirumaleshwara Bhat, Dean QA Dr. Sudarshan Rao K also interacted with the students. The HOD and Department Project Coordinator, faculty and students of the department also took part in the project exhibition. HOD's, faculty and students of other departments also visited the project exhibition and interacted with the final year students.



Report of ECE Projects:

21 project teams from the Department of Electronics & Communication Engineering exhibited project ideation at the department laboratory first floor. Various application oriented projects in the field of IOT, solar energy, Machine learning, robotics and embedded system based models were showcased by the students. Mr. Ganesh Shetty, Assistant Professor (Sr.) from the department of Electronics & Communication Engineering and Mr. Deepak Rao, Assistant Professor(Sr.) from the department of Computer Science and Engineering interacted with the students of each project team and gave useful suggestions on their ideation, methods of implementation . They also analysed and evaluated the projects. The faculty and students of Electronics and Communication Engineering visited the project exhibition and interacted with the final year students.



Report of CVE Projects:

The Department of Civil Engineering has organized a Project Competition/Exhibition on 12th May 2023 at the Department premises. Total 07 student's Projects were displayed in the Civil Engineering Department. Out of them 03 projects were Sustainable construction practices/Societal related and the remaining were experimental and prototype.

Respected Principal, Dr. Thirumaleshwara Bhat, Dean QA Dr. Sudarshan Rao K also interacted with the students, students who were representing their Projects and also gave good suggestions to them. Experts were: (1) Mr. Sudhir, Assistant Professor(Sr.), Department of Mechanical Engineering. Professor gave valuable inputs to students on the project and

also analysed/Judged all the exhibited projects critically. (2) Mr. Madhusoodhan Rao (Assistant Professor, Civil Engineering Department) also analyzed/Judged , gave suggestions and motivated the students.

Dr. Deepika B V ,HOD, Civil Engineering Department, Mr. Sunil Haldankar, Departmental Project Coordinator and all Civil Engineering Department's faculties also encouraged students for their Project Poster.



Report of CSE Projects:

The final year Ideation/project exhibition was held at the CCC, CC3 and CC4 labs from Department of CSE with 30 project teams exhibiting their work. Students presented projects based on diverse technologies such as Deep Learning, Image Compression, IOT, Block Chain, Artificial Intelligence, Machine Learning, and E-Commerce. Ms. RajashreeNambiar, Senior Assistant Professor from the Department of Electronics and Communication, and Mr. Shrinivasa, Senior Assistant Professor from the Department of Computer Science and Engineering, met with all of the teams and evaluated their projects. Third-year students visited the exhibition and received feedback that will help them build projects in the future.

Dr. Soumya J Bhat, Ms. Savitha Shenoy, Ms. Sahana Karanth, Ms. Sowmya S, and Ms. Sowmya N H, faculty members, visited the teams and provided views into how the projects might be enhanced for future enhancement.



36. ISTE ANNUAL DAY & FAREWELL DAY

ISTE chapter organized farewell program and ISTE annual day in the institute premises on 13 May 2023. Shri Rathnakumar, Secretary of the Sode Vadiraja Mutt Education Trust, Udupi was the Chief Guest. Speaking on the occasion, he said that the achievements of the students are the best advertisements for the institute, students' good words and works reflect the performance of the institute.

During the ceremony ISTE office bearers were felicitated and ISTE cell of Electronics and Communication Department received Active department prize for conducting more number of technical activities during 2022-23.



Prof. Dr. Thirumaleshwara Bhat, Principal presided over the function. In his presidential remarks he wished the students for their bright future. The heads of various departments, faculties and final year students were present in the program.

37. BEING THE CATALYST

ISTE Faculty chapter of SMVITM organized Four Days Faculty Development Program on "BEING THE CATALYST" in the institute premises for the faculty Members of SVH P.U College Innanje and SVH Kannada and English Medium School of Kadiyali and Innanje.

The inaugural ceremony of the program was held on 15th May 2023. The program was started by lighting the lamp. Shri Ratnakumar, Secretary, SSVMET Udupi was the Chief Guest of the program, he opined about the importance of attending these

types of FDPs which throw light on recent developments in the teaching learning process and also he focused on the need of transformation required on faculties to teach current generation students he also appreciated the contribution given by the faculty members of various institutions of SSVMET.



Prof. Dr. Thirumaleshwar Bhat Principal of , Bantakal presided over the function. He informed the participants about fruitfulness of the session on FDP and to make best use of it. Dr.LolitaPriyaCastelino gave a brief prelude to Four Days Faculty Development Program on “BEING CATALYST”.



More than 40 participants from various institutions of SSVMET participated in the FDP. The program started with invocation by Dr. Manjunath, Assistant Professor(Sr) Department of Mechanical Engineering, Mr. Pundarikaksha Kodancha, Principal of SVH PU College, Innanje, welcomed the gathering, Mr. Nataraja Upadhyaya Headmaster Innanje High school proposed the vote of thanks. Mr. Ananth Mohan Mallya, Assistant Professor(Sr), Department of Mechanical Engineering compered the program.

38. HACKOTHSAVA 2023

The inaugural function of Hackothsava 2023, a state-level, 24-hour Hackathon organized by the Department of Computer Science and Engineering in association with the Institution’s Innovation Cell and Indian Society for Technical Education was held on 2nd June 2023 at college premises. Kambala Solutions, Biwam India and Niveus Solutions were the partners for the Hackothsava 2023.



Dr. Geetha Maiya, Director of Student Affairs, Manipal Academy of Higher Education, Manipal was the Chief Guest. At the outset she congratulated all the participating teams. She emphasized that participation is more important than winning. Also she said that such events help in developing leadership qualities, teamwork, enhancing learning skills and problem solving capabilities. Dr. Maiya mentioned that Innovation and collaborative work are very important aspects in the present days. She said to the students that participation in such events help to develop the career of the students and they need to use these opportunities to emerge as young entrepreneurs.

Shri RathnaKumar, Secretary, ShriSodeVadiraja Mutt Education Trust Udupi was the Guest of Honor. He congratulated all the participants and mentioned that it was a proud moment to have students from prestigious institutions across different parts of Karnataka.

Dr Ganesh Aithal, Vice Principal of SMVITM in his presidential remarks stated the importance of Hackothsava and requested the participants to participate enthusiastically in coding Quests. He said that the educational application developed during Hackathon of 2021 helped solve rural area

problems. He concluded by wishing the best to all participants. The valedictory function of Hackothsava 2023, a state-level, 24-hour Hackathon was held on 3rd June 2023.



Mr. Prasad Pai K, Data Architect, Niveus Solutions was the Chief Guest of the program. During his address Mr. Pai highlighted that with the growth of manufacturing in India, IoT would gain more prominence and a synergy across branches of engineering would be very much essential. Speaking specifically about the Hackothsava 2023, he appreciated the efforts of the students, how they can further improve and seek a career in the IT Sector. He advised the students to be creative and implement reliable research as a part of their regular routine to excel.

Dr. ThirumaleshwaraBhat, Principal of SMVITM was the president of the program. He addressed the gathering and expressed the joy of hosting a successful program of this scale. He also appreciated all the concerned people responsible for the success of the event and also advised to keep on organizing such programs regularly so as to benefit the student community.



39. MINI PROJECT EXHIBITION

Co-curricular committee in association with ISTE student chapter of SMVITM and Hobby Project Club, conducted Mini Project Exhibition in the institute premises. Experts nominated a total of 3 student projects as Best Projects and three projects as consolation Prizes. The I prize was 3,000 and II prize was 2,000 cash and III prize was 1,000 .Prizes will be distributed on 01 July 2023 during Cyber Security Workshop.



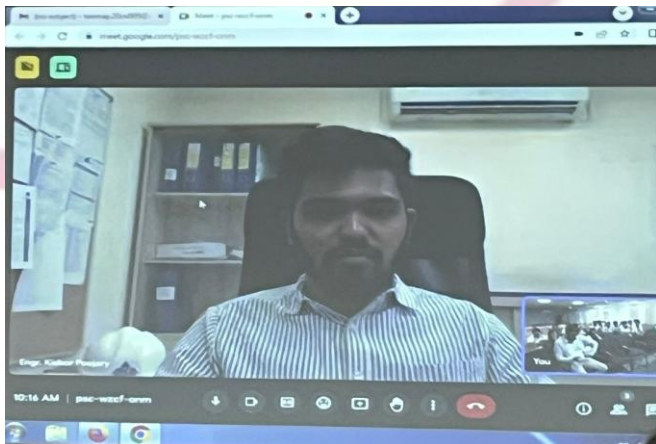
The principal Dr. Thirumaleshwara Bhat inaugurated the Mini Project exhibition and addressed the gathering and motivated students with encouraging words. Also, he asked the students to improvise their mini project into a dream project. Vice Principal, Dean QA Dr. SudarshanRao K and ISTE coordinator were present during the inauguration and also interacted with the students.



The Mini project exhibition was held at Physics labs, Chemistry lab and Basic Electrical Lab with a total 59 project teams exhibiting their project work. Projects based on various technologies such as IOT, Block Chain, Artificial Intelligence, Machine Learning, E-Commerce, Agriculture related was showcased by students. Various application oriented Machine learning based software projects and embedded system based models were showcased by the students.

40. VIRTUAL SITE VISIT ON “MANUFACTURING PROCESS OF PRECAST ELEMENTS”

load and member calculation, hollow slab, bar bending for precast elements.



Civil Engineering Department in association with Alumni Cell, ISTE Student chapter and Placement cell organized a Virtual site visit on “Manufacturing process of Precast elements” for second and third year students of Civil Engineering which was held on 28 June 2023 in the institute premises.

Resource person for the virtual site visit was Mr. Kishor from 2018 passed out batch. He is currently working in AL Rashid Abetong.co Saudi Arabia as QC Material Engineer. This is one of the leading Precast Company in Saudi Arabia.

The session started with Introduction about resource person and company details. He also stressed about his development after engineering in various company in India and his approach to the company he is currently working in. He explained about the topics regarding precast elements; its material, construction process in Industry, various technologies used. He compared the precast technology with the current practice; i.e time and cost saving.



He also explained about various projects Handled by their company like City, 2000+ villa etc. Kishore explained about the various machineries that could be used in various site. In detail, he explained about

ISTE BEST STUDENT AWARDS



Ms. Shrutha

2022



Ms. Jyothi

2019



Ms. Chaithra

2018



Mr. Abhinav

2017



Mr. Bhuvan

2016



Ms. Snehal

2015



ISTE BEST FACULTY CHAPTER AWARDS



16th Karnataka State Level ISTE convention, Bengaluru

Best Faculty Chapter Award 2019



49th ISTE National Annual Faculty Convention, Odisha

Best Faculty Chapter Award 2019

